

FORM PTO-1419
(REV. 7-82)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEPRIORITY DOCKET NO.
RD-28,013

SERIAL NO.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
LIST OF ITEMSApplicant
Radislav Alexandrovich Potyrailo et al

Filing Date

Group

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER		DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DAV	A1	3,999,864	12/28/1976	Mutter	356	212	11/17/1975
	A2	4,168,249	09/18/1979	Meyer	260	16	07/01/1995
	A3	4,255,308	03/10/1981	Brasen	260	29.6	07/12/1979
	A4	4,285,597	08/25/1981	Lamprecht et al.	356	446	05/30/1985
	A5	4,651,011	03/17/1987	Ors et al.	250	459	06/03/1985
	A6	4,687,338	08/18/1987	Task et al.	356	446	02/02/1983
	A7	4,715,717	12/29/1987	Evans	356	429	12/05/1985
	A8	4,885,254	12/05/1989	Sung	436	85	12/11/1987
	A9	4,886,355	12/12/1989	Keane	356	73	03/28/1988
	A10	4,978,731	12/18/1990	Melancon et al.	528	15	02/02/1990
	A11	4,996,076	02/26/1991	Nakaya et al.	427	38	03/24/1989
	A12	5,037,763	08/06/1991	Petisce	436	172	09/05/1990
	A13	5,098,750	03/24/1992	Ueno et al.	428	304.4	08/06/1990
	A14	5,118,559	06/02/1992	DeVoe et al.	428	262	06/03/1991
	A15	5,155,558	10/13/1992	Tannenbaum et al.	356	446	09/19/1990
	A16	5,198,869	03/30/1993	Moteverde et al.	356	243	10/15/1990
	A17	5,218,417	06/08/1993	Gay et al.	356	300	12/17/1990
	A18	5,244,636	09/14/1993	Walt et al.	422	82.07	01/25/1991
	A19	5,310,604	05/10/1994	Melancon et al.	428	447	08/13/1993
	A20	5,384,079	01/24/1995	Bur et al.	264	21	01/06/1993
	A21	5,416,594	05/16/1995	Gross et al.	356	237	07/20/1993
	A22	5,464,986	11/07/1995	Boettcher et al.	250	459.1	02/08/1994
	A23	5,483,338	01/09/1996	Wachter et al.	356	318	05/26/1994
	A24	5,550,632	08/27/1996	Harata	356	446	06/13/1991
	A25	5,552,890	09/03/1996	Nanna et al.	356	369	08/25/1995
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	A27	5,598,005	01/28/1997	Wang et al.	250	459	02/15/1995
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	A29	5,644,141	07/01/1997	Hooker et al.	250	559.22	10/12/1995
	A30	5,680,220	10/21/1997	Delignieres et al.	356	406	01/31/1994
	A31	5,707,587	01/13/1998	Blanchard et al.	422	82:08	11/20/1996
	A32	5,712,709	01/27/1998	Task et al.	356	432	04/08/1996
	A33	5,714,762	02/03/1998	Li et al.	250	559.2	11/08/1994
	A34	5,717,217	02/10/1998	Neckers et al.	250	459.1	05/05/1994
	A35	5,742,386	04/21/1998	Nose et al.	356	237	02/13/1997
	A36	5,788,374	08/04/1998	Bur et al.	374	161	06/12/1996
	A37	5,817,732	10/06/1998	Asahina et al.	528	45	10/08/1996
	A38	5,829,804	11/03/1998	Saeki et al.	293	120	06/25/1996
	A39	5,867,807	02/02/1999	Yamada et al.	702	30	10/25/1996
DAV	A40	6,018,396	01/25/2000	Rapaport et al.	356	446	04/19/1996

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER		DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DA	A41	6,031,620	02/29/2000	Typpo	356	445	04/28/1998
	A42	6,088,104	07/11/2000	Peterson	356	371	12/02/1994
	A43	6,151,123	11/21/2000	Nielsen	356	445	07/08/1998
	A44	6,157,449	12/05/2000	Hajduk	356	367	10/19/1998
	A45	H1655	06/03/1997	Task	356	446	04/04/1995
DA	A46	H1843	03/07/2000	Bur et al.	250	458	10/17/1997

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
DA	B1	WO 00/13004	03/09/2000	PCT		

OTHER INFORMATION (Including Author, Title, Date, Pertinent Pages, etc.)

DA	C1	✓	Photoluminescence Methods In Polymer Science, SW Beavan et al., Adv. Photochem, 11 pp. 207-303, 1979.
	C2	✓	Fluorescence Methods In Polymer Science, Yasunori Nishijima, Polymer Sci.: Part C, No. 31, pp 353-373, 1970.
	C3	✓	Analysis of Polymer Systems By Luminescence Spectroscopy, LS Bark et al., len, Editors. UK. (1982) Applied Science Publishers LTD, London, pp. 79-102, 1982.
	C4	✓	Luminescence Applications In Commercial Polymers, NS Allen et al., Chemistry and Industry, London, 23, pp. 907-913, December 2, 1978.
	C5	✓	The Use of Luminescence Spectroscopy in Aiding The Identification of Commercial Polymers, NS Allen et al., Analyst, Volume 101, London, pp. 260-264, April 1976.
	C6	✓	Transducer-Based Approached for Parallel Binding Assays in HTS, Andreas Brecht et al., Journal of Biomolecular Screening, Volume 1, Number 4, pp. 191-201, 1996.
	C7	✓	Optical Sensor Arrays Based On Micotiterplate Dimensions, Gunter Gauglitz, Mikrochim. Acta, 131, pp. 91-7, 1999.
	C8	✓	Some Applications of Fluorimetry To Synthetic Polymer Studies, Herbert Morawetz, Science, Volume 203, Number 4379, pp. 405-410, February 2, 1979.
	C9	✓	High-Conversion Polymerization Fluorescence Probes. 1. Polymerization of Methyl Methacrylate, Rafik O. Loutfy, Macromolecules, 14, pp. 270-275, 1981.
DA	C10	✓	Fluorescence Probes for Polymerization Reactions: Bulk Polymerization of Styrene, n-Butyl Methacrylate, Ethyl Methacrylate, and Ethyl Acrylate, Rafik O. Loutfy, Journal of Polymer Science, Polymer Physics Edition, Volume 20, pp. 825-835, 1982.

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OTHER INFORMATION (Including Author, Title, Date, Pertinent Pages, etc.)

DAV	C11	✓ <i>Optical Fibers Make Sense of Chemicals</i> , Jane A. Ferguson et al., <i>Photonics Spectra</i> , 14, pp. 108-114, Mqrch 1997.
	C12	✓ <i>Generating Sensor Diversity Through Combinatorial Polymer Synthesis</i> , Todd A. Dickinson, <i>Anal. Chem.</i> 69, pp. 3413-3418, 1997.
	C13	✓ <i>Standard Test Method for Resistance of Transparent Plastics to Surface Abrasion</i> , ASTM D 1044-94, 1994.
	C14	✓ <i>Standard Test Method for Haze and Luminous Transmittance of Transparent Plastics</i> , ASTM D 1003-97, 1997.
	C15	✓ <i>Ultraviolet and Visible Molecular Absorption Spectorphotometry</i> , <i>Spectrochemical Analysis</i> , James D. Ingle, Jr. et al., Prentice Hall, Englewood Cliffs, NJ, Chapter 13, pp. 352-403, 1988.
	C16	✓ <i>Molecular Luminescence Spectrometry</i> , <i>Spectrochemical Analysis</i> , James D. Ingle, Jr. et al., Prentice Hall, Englewood Cliffs, NJ, Chapter 15, pp. 438-493, 1988.
	C17	✓ <i>Molecular Scattering Methods</i> , <i>Spectrochemical Analysis</i> James D. Ingle, Jr. et al., Prentice Hall, Englewood Cliffs, NJ, Chapter 16, pp. 494-524, 1988.
	C18	✓ <i>Standard Test Methods for Abrasion Resistance of Organic Coatings by Falling Abrasive</i> , ASTM D 968-93.
	C19	✓ <i>Standard Test Method for Abrasion Resistance of Organic Coatings by the Taber Abraser</i> , ASTM D 4060-95.
	C20	✓ <i>Standard Test Method for Abrasion Resistance of Transparent Plastics and Coatings Using the Oscillating Sand Method</i> , ASTM F 735-94.
	C21	✓ <i>Standard Test Methods for Resistance of Plastic Materials to Abrasion</i> , ASTM D 1242-95a.
	C22	✓ <i>Paint and Coating Testing Manual</i> , Joseph V. Koleske, Editor, Fourteenth Edition of the Gardner-Sward Handbook, ASMT Manual Series: MNL 17, ASTM Publication Code Number (PCN) 28-017095-14, pp. 513-525.
	C23	✓ <i>Standard Practice for Testing Water Resistance of Coatings Using Water Immersion</i> , ASTM D 870-92.
	C22	✓ <i>Standard Test Method for Peel Adhesion of Pressure-Sensitive Tape at 180° Angle</i> , ASTM D 3330/D 3330M-96, pp. 372-375.
DAV	C24	✓ <i>Standard Test Methods for Measuring Adhesion by Tape Test</i> , ASTM D 3359-92a, pp. 447-450.

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8/25/07

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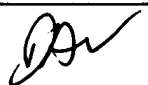

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OTHER INFORMATION (Including Author, Title, Date, Pertinent Pages, etc.)

	C25	Standard Test Method for Adhesion of Organic Coatings by Scrape Adhesion, ASTM D 2197-98, pp. 216-218.
	C26	Standard Test Method for Pull-Off Strength of Coatings Using Portable Adhesion Testers, ASTM D 4541-95, pp. 327-333.
	C27	Standard Test Method for Tensile Properties of Plastics, ASTM D 638-98, pp. 45-57.
	C28	Standard Test Method for Tensile Properties of Organic Coating, ASTM D 2370-92, pp. 251-254.
	C29	Standard Test Methods for Mandrel Bend Test of Attached Organic Coatings, ASTM D 522-93a, pp. 29-32.
	C30	Microscopic Dynamics of the Glass Transition Investigated By Time-Resolved Fluorescence Measurements of Doped Chromophores, Jing Yong Ye et al., The American Physical Society, Physical Review B, Volume 56, Number 9, pp. 5286-5296, September 1, 1997.
	C31	Determination of the Molecular Mobility and the Free Volume of Thin Polymeric Films With Fluorescence Probes, Dirk Anwand et al., Makromol. Chem., 192, pp 1981-1991, 1981.
	C32	Photochemistry of Ketone Polymers, XI. Phosphorescence As A Probe of Subgroup Motion in Polymers at Low Temperatures, AC Somersall et al., Volume 7, No. 2, pp. 233-244.
	C33	
	C34	
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	C36	
	C37	
	C38	
	C39	

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